

Application No.: 09/847,326

Docket No.: 20260-00072-US

REMARKS

Claims 29-37 and 39-44 are pending in the application. Entry of the amendments to the claims is requested.

The undersigned would like to thank the Examiner in charge of the application for granting an interview on August 18, 2005. During the interview, certain claim amendments were suggested to the Examiner. As reflected in the interview summary record prepared by the Examiner, the undersigned now submits amendments to the claims in accordance with the agreement reached. This agreement recognizes the fact that the present claims are directed to a system which uses full CAN frames in a conventional CAN network, as well as partial frames which are substantially in the CAN message format. In this way, it is possible to approach a real time realization over a wireless link connecting a control supervisory unit to a CAN network. All the independent claims were discussed and amendments to them are made in accordance to the agreement reached with the Examiner. The Spaur et al. reference was discussed during the interview and it was demonstrated how the claims are differentiated from Spaur et al..

The undersigned also disclosed the existence of a copending patent application, 10/219,351, which is also a divisional patent application of the same parent application as the present application.

The undersigned and Mr. Fredriksson urged the Examiner to reconsider his position as reflected in the previous Office Action based on the observation that Spaur et al is directed to a system which collects information from a vehicle network, which may be a CAN network. Spaur et al. makes this information available so it can be distributed over the network or some other common network where it is easily accessible by remote computers. Nowhere in Spaur et al. do they suggest retaining a large portion of the CAN message format during any wireless transmission, or at any point during the transfer of the vehicle information to the user's computer terminal.

The undersigned accordingly submits the above amendments to the claims, as part of the agreement reached. As can be seen, each of the claims reflects the fact that partial CAN network messages are used, which have certain bits removed such as stuffing bits, CRC bits, etc., during

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the transmission to a remote unit. Messages are transmitted from the remote unit in only a partial CAN format to the network, where a module is capable of restoring the partial CAN message to a complete CAN message, wherein stuffing bits or CRC bits etc. which were removed during the transmission to the network are reestablished. Accordingly, the network does not know whether the message originated in the network, or from the remotely located supervisory control unit.

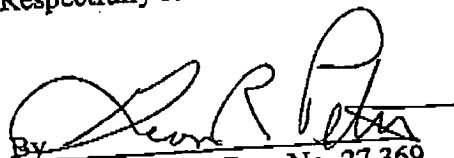
Spaur et al. of course fails to disclose any type of messaging format as set forth in the rejected claims. Spaur et al. shows a general interface, between a CAN network and a telephone interface using a protocol converter. The protocol converter does not seek to retain much of the original CAN message format as is possible with the present invention. By retaining the majority of the CAN message format, it is possible to achieve a more real time transfer between units.

The undersigned again thanks the Examiner for his cooperation and asks that he reconsider the previous rejection in light of the foregoing amendments to the claims and these remarks.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 22-0185, under Order No. 20260-00072-US from which the undersigned is authorized to draw.

Dated: 8/19/05

Respectfully submitted,

By 
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